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**From:** Moreen, Ed  
**Sent:** Monday, July 16, 2018 1:01 PM  
**To:** Archer, Spencer  
**Cc:** Zion, Rodney E CIV USARMY CENWS (US); Reitter, Eric T; Prestbo, Kim; Kunas, Karl J CIV USARMY CENWS (US); Projectmail - Bunker Hill CTP\_USACE  
**Subject:** RE: Bunker Hill No Rise Certification

Spencer,  
Thanks for sending this over. Has Wood done this for the CTP buildings yet?

Ed

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**From:** Archer, Spencer [mailto:spencer.archer@woodplc.com]  
**Sent:** Monday, July 16, 2018 12:42 PM  
**To:** Moreen, Ed  
**Cc:** Zion, Rodney E CIV USARMY CENWS (US) ; Reitter, Eric T ; Prestbo, Kim ; Kunas, Karl J CIV USARMY CENWS (US) ; Projectmail - Bunker Hill CTP\_USACE  
**Subject:** Bunker Hill No Rise Certification

Ed,

From the City website, it looks like Mark Magnus is the Floodplain Coordinator.

Here's an excerpt from our No Rise Cert:

I certify that I am a duly qualified registered Professional Engineer licensed in the State of Idaho. I certify that the proposed well pad and maintenance road construction for the Central Treatment Plant Upgrade and Groundwater Collection System will not increase the FEMA designated 100-year base flood elevations (BFE), and no increase in discharge and no increase in the 100-year floodplain width, at published sections of the current FEMA floodplain of the South Fork Coeur d'Alene River. Attached documentation. This certification is intended as proof of meeting the requirements forth in the City of Kellogg, Title 13, Chapter 1 Flood Hazard Prevention Ordinance, which describes the hydraulic modeling approach to compare existing versus proposed conditions for the determination of the no-rise to the designated 100-year floodplain of the South Fork Coeur d'Alene River.

Please let us know if we can reach out to the Floodplain Coordinator to give him a heads up and walk him through our submittal.

Thanks,

**Spencer Thomas Archer, P.E., BCEE**

Mobile: +1 805 550 4050

[www.woodplc.com](http://www.woodplc.com)



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